

In the Claims

Please amend claims 1 and 12 as follows:

1        1. (Amended) Apparatus for locating an RFID transponder vertical location  
2 comprising:  
3                an a passive RFID transponder for broadcasting identification data;  
4                a plurality of antenna for receiving said identification data broadcast by said  
5                RFID transponder, said identification data from said RFID transponder capable of being  
6                received by more than one antenna at different location sites;  
7                a plurality of support members at spaced apart vertical locations suitable for  
8                supporting said RFID transponder, and each of said spaced apart support members  
9                associated with at least one of said plurality of antenna; and  
10               control circuitry connected to said plurality of antenna for determining which  
11               individual antenna at different location sites of said plurality of antenna receives said  
12               identification broadcast from said RFID transponder and for determining the location of  
13               said RFID transponder as a function of all of the antenna receiving said broadcast data  
14               and the support members associated with the antennae receiving said identification  
15               data.

1        12. (Amended) A method of locating an RFID transponder in space comprising  
2 the steps of:  
3               broadcasting identification data from an a passive RFID transponder;  
4               receiving said broadcast identification data at a plurality of antenna at  
5               different location sites;  
6               providing a plurality of spaced apart support members at known vertical  
7               locations suitable for supporting said RFID transponders, and each of said spaced apart  
8               support members associated with at least one of said plurality of antenna;  
9               determining which antenna at the different location sites receives  
10               identification data broadcast from said RFID transponder; and  
11               determining the three-dimensional location of said transponder  
12               broadcasting said identification data as a function of the antennas receiving said

- 3 -

- 13 information data and the support members associated with the antennas receiving said
- 14 identification data.